

IFW



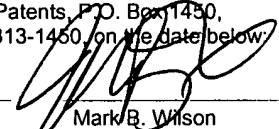
FULBRIGHT & JAWORSKI L.L.P.

A REGISTERED LIMITED LIABILITY PARTNERSHIP
600 CONGRESS AVENUE, SUITE 2400
AUSTIN, TEXAS 78701-3271
WWW.FULBRIGHT.COM

MARK B. WILSON
PARTNER
MBWILSON@FULBRIGHT.COM

DIRECT DIAL: (512) 536-3035
TELEPHONE: (512) 474-5201
FACSIMILE: (512) 536-4598

July 9, 2004

CERTIFICATE OF MAILING 37 C.F.R. 1.8	
I certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below.	
July 9, 2004	
Date	

MS AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

RE: *U.S. Patent Application No. 10/606,275 entitled "METHOD AND APPARATUS FOR RESOLUTION OF PROBLEMS USING CONSTRAINED DISCRETE VARIABLES" – Marc Mezard and Riccardo Zecchina*
Our reference: CHEP:008US
Client reference: Q376US

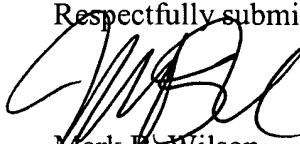
Sir:

Enclosed for filing in the above-referenced patent application is an Information Disclosure Statement, Form PTO-1449, and references C1-C3.

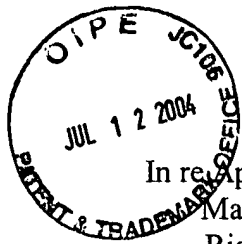
No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to the enclosed materials, the Commissioner is authorized to deduct the appropriate fees from Fulbright & Jaworski Deposit Account No.: 50-1212/CHEP:008US.

Please date stamp and return the enclosed postcard evidencing receipt of these materials.

Respectfully submitted,


Mark B. Wilson
Reg. No. 37,259

MBW/kmv
Encl.: as noted



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Marc Mezard
Riccardo Zecchina

Serial No.: 10/606,275

Filed: June 25, 2003

For: METHOD AND APPARATUS FOR
RESOLUTION OF PROBLEMS USING
CONSTRAINED DISCRETE VARIABLES

Group Art Unit: 2876

Examiner: Unknown

Atty. Dkt. No.: CHEP:008US

**CERTIFICATE OF MAILING
37 C.F.R 1.8**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: MS AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below:

July 9, 2004

Date

Mark B. Wilson

INFORMATION DISCLOSURE STATEMENT

MS AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

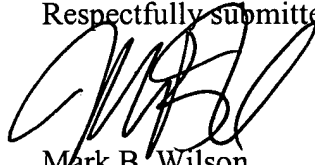
In accordance with 37 C.F.R §§ 1.97(g), (h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be

an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The present Information Disclosure Statement is being filed prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Commissioner is authorized to deduct the appropriate fees from Fulbright & Jaworski Deposit Account No.: 50-1212/CHEP:008US.

Applicants respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,



Mark B. Wilson

Reg. No. 37,259

Attorney for Applicants

FULBRIGHT & JAWORSKI L.L.P.
600 Congress Avenue, Suite 2400
Austin, Texas 78701
(512) 474-5201

Date: July 9, 2004

Form PTO-1449 (modified)

Atty. Docket No.

CHEP:008US

Serial No.

10/606,275

List of Patents and Publications for Applicant's

Applicant

Marc Mezard

Riccardo Zecchina

INFORMATION DISCLOSURE STATEMENT

Filing Date:

June 25, 2003

Group:

2876

(Use several sheets if necessary)

U.S. Patent Documents

See Page 1

Foreign Patent Documents

See Page 1

Other Art

See Page 1

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C1	Braunstein <i>et al.</i> , "Survey propagation: an algorithm for satisfiability," preprint, www.ictp.triest.it/zecchina/SP , 2002.
	C2	Mézard <i>et al.</i> , "Analytic and algorithmic solution of random satisfiability problems," <i>Science</i> , 297:812-814, 2002.
	C3	Mézard and Zecchina, "The random K-satisfiability problem: from an analytic solution to an efficient algorithm," <i>Phys. Rev. E</i> 66, 056126, 2002.

25431655.1

EXAMINER:

DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.